

## New Multi Mounting Cubes were officially delivered on February the 18th 2014

Early 2013 Q.T.H. and Mabotec discussed the issue of Multi Mounting Cubes, which, using one of Mabotec's horizontal machining centers, would increase production efficiency. In particular, the conversion of machine pallets with now existing clamping tools requires a lot of time.

Mabotec, founded in 1996 in Genderen, since 2001 produces customer-specific hydraulic control manifolds at their beautiful location in Waalwijk along the highway A59.

Mabotec possesses modern machines, among others 3 MAZAK horizontal machining centers. The factory of Mabotec is outrageously sophisticated. Having technical complex workpieces in a nice and clean working environment leads to admiration.



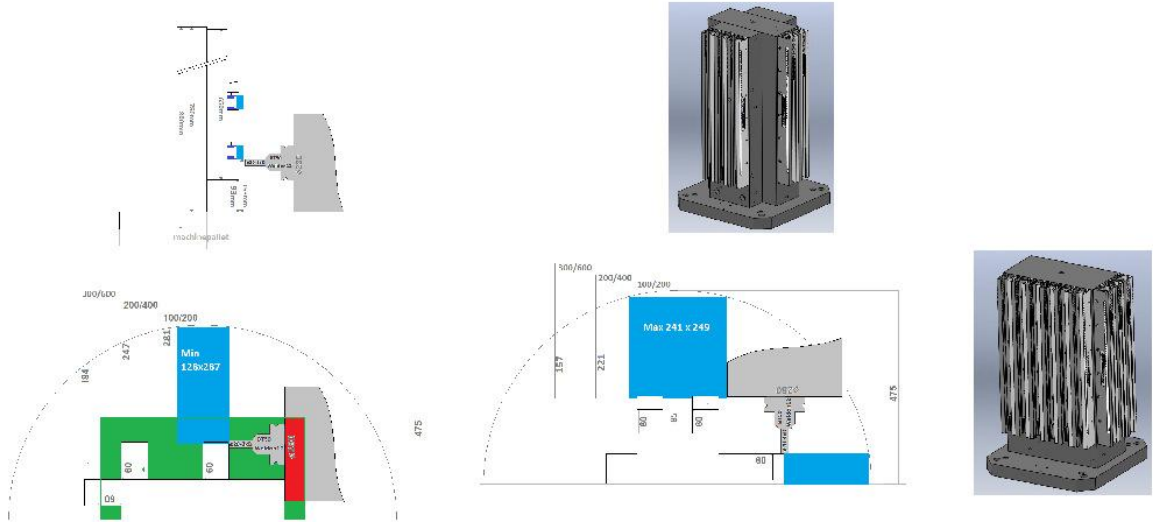
Mabotec's manifolds are getting more compact and the amount is increasingly becoming larger.

Because of this, Mabotec had been looking for a clamping system which could be set up easily. Gressel MultiGrip's clamping systems were rapidly sought for as the solution.

Because these systems are highly flexible, investments in for instance Zero-Point clamping systems happened to be superfluous. In addition, these clamps can be lined up multiply and therefore manifolds also can be positioned above each other at the column.



According to the product measurements and the amounts which Mabotec has produced in the 12 previous months, Q.T.H. had been able to design the needed Multi Mounting Cubes. Next to a feasibility assay the dimensions were chosen and the clamping systems were finally designed.



The aluminum Mounting Cubes and the Gressel MultiGrip clamps were delivered at the end of August 2013.

The interior of the Multi Mounting Cubes are provided with thread- and drill bushings to guarantee an enlarged lifecycle and exact accurate repeatability. Because of a large project Mabotec was conducting at that time, the Multi Mounting Cubes were for the first time put into manufacturing process in December. The columns were accurately milled, all holes were plugged and anodized. At the end of December the columns were replaced and the first production cycle could take place.

**Final delivery**

A successful project deserves an official delivery. On Tuesday, February the 18th, the Multi Mounting Cubes with the Gressel MultiGrip clamps were symbolically and officially delivered. All the technical documents, manuals, etc. were handed over. The about 30 people of Mabotec were treated with cake because their involvement also contributed to this successful project.

